



Minnesota Ag News – Crop Weather

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Released: August 25, 2008

Issue No: CW-34-08

COOPERATING WITH THE MN DEPARTMENT OF AGRICULTURE, NATIONAL WEATHER SERVICE - CHANHASSEN MN,
UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, AND USDA-NRCS

WARM DRY WEATHER AIDS SMALL GRAIN HARVEST

Minnesota farmers harvested nearly a third of the state's spring wheat crop, aided by the warm dry weather during the past week, according to USDA, NASS, Minnesota Field Office. Farmers also made advances with harvesting other small grains as well as potatoes, canola and sweet corn crops. Nearly half of the corn crop was in the dough stage of development and soybeans were just starting to turn yellow.

The average temperature for the week was 69.4°, 2.4° above normal. Statewide topsoil moisture supplies as of Friday, August 22nd were 21 percent very short, 35 short, 43 adequate, and 1 surplus. Statewide, on average, there were 6.7 days suitable for fieldwork during the week.

As of Sunday, August 24th, 44 percent of corn was in dough stage compared to 89 percent last year and 69 percent average. Eight percent of corn was in the dent stage compared to 65 percent last year and 36 percent average.

Soybeans were 3 percent turning yellow compared to 17 percent last year and 10 percent average.

Spring wheat was 45 percent harvested compared to 92 percent last year and 73 percent average. Barley was 75 percent harvested compared to 99 percent last year and 85 percent average. Oats were 82 percent harvested compared to 98 percent last year and 91 percent average.

As of Friday, August 22nd, 62 percent of corn and 65 percent of soybeans were rated in good or excellent condition.

Eighty-five percent of spring wheat and 74 percent of barley were rated good or excellent.

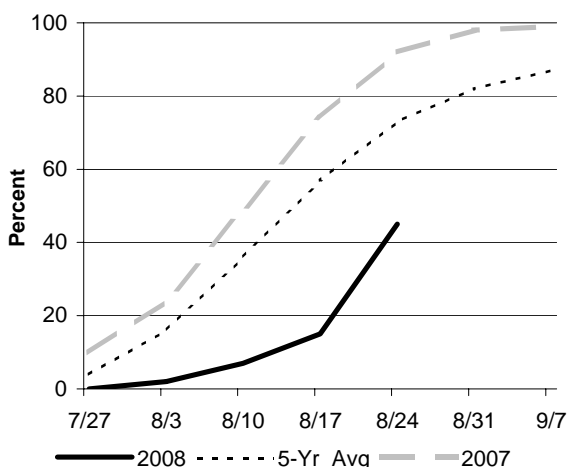
Sixty-six percent of dry beans, 83 percent of sunflowers, 71 percent of canola, 77 percent of sugarbeets, and 33 percent of pasture were rated in good or excellent condition.

Days Suitable for Fieldwork: 6.7				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	21	35	43	1

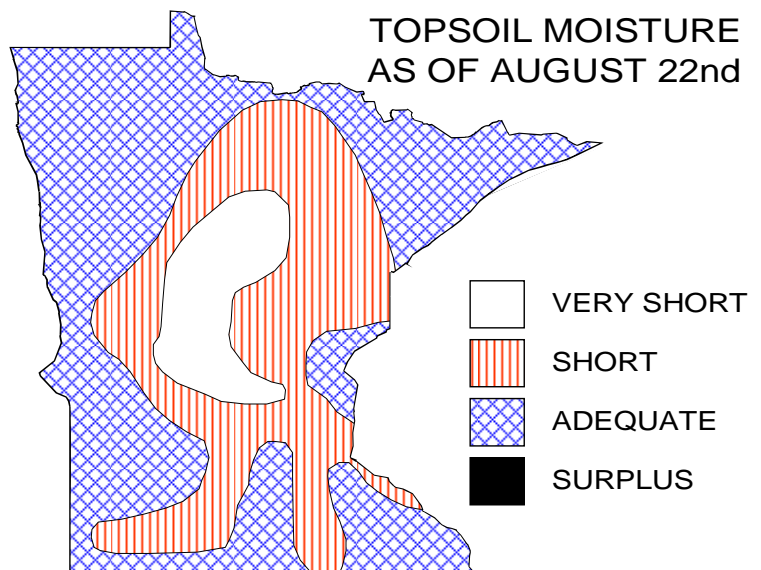
Crop Progress as of August 24, 2008					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Milk	92	74	100	95
	Dough	44	20	89	69
	Dent	8	4	65	36
Corn Silage	Harvested	7	1	17	7
Soybeans	Setting Pods	97	89	99	98
	Turning Yellow	3	0	17	10
Spring Wheat	Ripening	97	83	100	99
	Harvested	45	15	92	73
Barley	Ripening	96	90	100	100
	Harvested	75	39	99	85
Oats	Harvested	82	57	98	91
Potatoes	Harvested	19	7	28	25
Sweet Corn	Harvested	34	22	55	49
Canola	Harvested	16	1	56	52

Crop Condition as of August 22, 2008					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Corn	6	8	24	52	10
Soybeans	4	6	25	52	13
Spring Wheat	0	1	14	58	27
Barley	1	2	23	53	21
Potatoes	0	1	9	58	32
Sugarbeets	0	2	21	54	23
Dry Beans	4	5	25	48	18
Sunflowers	0	1	16	57	26
Canola	0	5	24	50	21
Pasture	12	19	36	31	2

SPRING WHEAT HARVESTING JULY 27 - AUG 31



TOPSOIL MOISTURE AS OF AUGUST 22nd



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING August 24, 2008:
Temperatures averaged from 0.9 degrees above normal in the Southwest District to 3.9 degree above normal in the East Central District.
Extremes: 34 degrees in International Falls, 93 degrees in Forest Lake.
Precipitation averaged from 1.00 inch below normal in the South Central District to normal in the Northwest District. Greatest weekly total was 1.28 inches recorded in Crookston.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website;
<http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 8/18/2008 through 8/24/2008

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since May 14	Depart from Norm
<u>NW DIST 1</u>										
Crookston	91	43	70.4	3.1	1.28	.62	1.45	-1.25	1549	-191
Moorhead	87	43	68.9	.7	0	-.56	2.20	3.85	1730	-88
Warroad	87	42	66.9	2.2	.58	-.07	.15	1.60	1359	-176
<u>NC DIST 2</u>										
Grand Rapids	87	50	69.7	5.6	0	-.80	-2.43	-.68	1523	-7
Intl. Falls	83	34	62.8	-.1	.08	-.63	-2.18	1.08	1224	-214
Itasca	87	42	68.2	4.7	.03	-.80	-2.35	.97	1384	-56
<u>NE DIST 3</u>										
Duluth	81	47	64.9	2.0	.09	-.87	-2.40	.55	1288	-51
Grand Marais	76	49	63.7	1.3	0	-.71	-2.44	4.85	935	-60
Hibbing	83	37	64.0	1.3	.25	-.50	-2.44	-.82	1248	-147
<u>WC DIST 4</u>										
Alexandria	87	49	69.5	2.6	0	-.82	-1.72	-1.57	1696	-45
Browns Valley	89	42	70.1	1.0	0	-.60	.02	2.16	1780	-137
Canby	91	48	72.2	2.0	0	-.62	-.58	-1.09	1927	-79
Fergus Falls	87	48	71.9	4.4	0	-.70	-1.47	-.22	1674	-89
Montevideo	89	49	69.9	1.0	0	-.70	-1.79	-3.05	1814	-98
Morris	87	43	69.3	1.1	0	-.71	-.19	-2.35	1718	-144
<u>CENT DIST 5</u>										
Becker	91	47	72.7	6.4	0	-.96	-3.02	-2.92	1834	112
Collegeville	91	50	72.0	2.7	0	-.88	-.83	.62	1883	-57
Hutchinson	90	47	71.6	3.2	0	-.90	-1.39	-3.33	1869	-62
Olivia	88	44	69.8	2.2	0	-.77	-1.05	-1.34	1753	-130
St. Cloud	91	44	70.2	3.9	0	-.92	-.57	-.88	1729	7
Staples	87	41	69.4	4.7	0	-.70	-2.45	-2.14	1490	-66
Willmar	89	49	71.2	3.2	0	-.87	-1.21	-4.23	1840	-37
<u>EC DIST 6</u>										
Aitkin	88	43	66.6	2.8	.02	-.84	-2.71	-1.57	1506	28
Forest Lake	93	48	73.1	5.4	.06	-.97	-2.17	-.93	1803	-30
MSP Airport	89	54	73.5	3.8	0	-.91	-2.42	-5.48	2101	102
St. Paul - UofM	91	52	74.0	3.7	0	-.99	-2.82	-6.28	2040	-6
<u>SW DIST 7</u>										
Lamberton	87	44	70.0	1.5	0	-.76	-2.12	-2.57	1901	-54
Pipestone	85	44	67.7	-.8	0	-.70	-.08	-.25	1742	-139
Redwood Falls	89	47	70.8	.6	.01	-.80	-1.70	-2.76	1921	-137
Worthington	84	47	69.0	1.6	0	-.79	-1.69	1.62	1874	36
<u>SC DIST 8</u>										
Faribault	87	47	71.0	3.0	0	-1.00	-2.20	-.97	1831	-38
Mankato	87	47	70.8	1.8	0	-1.01	-2.32	-3.66	1855	-89
Waseca	86	44	70.0	1.8	0	-1.04	-2.74	-.58	1828	-69
Winnebago	87	48	70.9	2.0	0	-.95	-2.80	-2.40	1961	3
<u>SE DIST 9</u>										
Preston	87	52	70.2	2.7	.21	-.85	-1.17	7.19	1794	0
Red Wing	90	51	72.5	3.4	.03	-.86	-2.01	-1.77	1888	-42
Rochester	85	50	69.4	2.4	.15	-.81	-2.41	.42	1862	91
Rosemount	88	50	71.6	3.8	.21	-.83	-2.65	-3.23	1833	-11
Winona	84	54	69.8	-1.2	.14	-.79	-2.97	3.53	1814	-314

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

The MINNESOTA WEEKLY CROP-WEATHER REPORT (USPS-387190) is published weekly in April through November (crop season). Subscription rates are \$15.00 per year for non-reporters and free to survey respondents by the USDA-NASS Minnesota Field Office, P O Box 7068, St. Paul, MN 55107. Periodicals postage paid at St. Paul, Minnesota and other mailing offices. POSTMASTER: Send address changes to the MINNESOTA WEEKLY CROP-WEATHER REPORT, P O Box 7068, St. Paul, MN 55107.

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USDA, NASS, Minnesota Field Office
PO Box 7068, ST. PAUL MN 55107
WEEKLY NEWS REPORT
Minnesota Crop-Weather Report
Publication No. 387190
Address Service Requested